

Test Number: APU_CMIP_TestScenario

DateInitiated: 12/03/14

Date Revised:

Discipline: All

Test Title: CloudMask Demonstration for APU

Test Objective: To execute the Mx8.5 variation of CloudMask using the same approach currently implemented in the C1.1 reprocessing for use in comparison to IDPS generated CloudMask

Test Time Interval: Day 2014330

Machine/Archive Set: ops4, Data Analyst discrction

Related Test(s):

Baseline DataSet: AS3001 on ops4 for above data period

Input DataSet: Mix of cloned input datasets from AS3110 and AS3001 and some generated in test archive

Actions: (special notes or processes)

1. From AS3001 on LAADS Clone the following to the test Archive:

NPP_VMAE_L1
NPP_VIAE_L1
NPP_IMFT_L1
NCEP_AIRTIP_L2
NCEP_PRWIP_L2
NCEP_WSPDIP_L2
NPP_GRCMAE_L1
NPP_TERRHTIP_L2
NPP_VAFIP_L2
NPP_DAWIP_L2G

- Clone the following seed files into the baseline testing archiveset:

Seed Files:

ESDT	PGE_StartTime	BeginUseTime	FileCount
NPP_QMMVIIPS_L3	2013-01-01 00:00:00	2012-01-01 00:00:00	300
NPP_QSTIPS_L3	2013-01-01 00:00:00	2012-01-01 00:00:00	460
NPP_QSTLWMIPS_L3	2013-01-01 00:00:00	2012-01-01 00:00:00	460

NOTE: The above 3 file sets are the same sets used for the AS3110 reprocessing. Once cloned, the NppSeedFileUsage database table will need entries for the above seed files added to it for ArchiveSet

to be used.

- Establish a clone of the Aqua MODIS MYD13A2 datasets that cover data years 2007 through 2013 from laads AS5 to the test archive set.
- Establish a clone of the NISE Ancillary data from LAADS for November 2014 to the test archive set.
- Establish a clone of the PGE397 NPP_SNDVI_L3D yearly files for PGE_StartTime of 1/01/2014 from AS3110 to test archive set.

Special processing notes for S1mc, S2mc, S3mc and GGMmc Recipes:

1. NPP_S1mc/Daily SnowIce Seed File PGE, will need to be run for Day 2014329 using TileSchemeId 1 and Start/End Profile 1 and generates 460 tiled outputs.
2. NPP_S3mc will need to be run for the 16-day period with the following start date:
2014-11-03 00:00
3. NPP_GGMmc needs to be executed for profiles 4, 5, 6, 7, and 8 only.

Recipes/PGEs to be executed:

<u>Recipe</u>	<u>Version</u>	<u>PGE</u>	<u>Version</u>	<u>Type</u>	<u>PGE Name</u>
S1mc	2.3.2	396	C2.3.0	SCI	VIIRS L3 Snow Seed
S3mc	2.3.0	398	C2.3.0	SCI	VIIRS L3 VI Seed
GGMmc	2.3.3	353	P2.3.1	OPS	VIIRS L2 Grid-to-Gran
		394GGMmc	C2.3.1	OPS	VIIRS Subsetter
L2bmc	2.4.1	303	P2.4.1	OPS	VIIRS L2 CM
		394L2bmc	C2.4.0	SCI	VIIRS Subsetter

Additional NPP Reprocessing Notes

Outputs to be synched to LAADS:

NPP_CMIP_L2
NPP_CMIP_L2C

Data Set Removal Information

Date:

Approved by: